

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:31:34 ON 06 SEP 2006

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 15:31:49 ON 06 SEP 2006  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s il-12 or interleukin-12

FILE 'MEDLINE'

147170 IL

828879 12

9712 IL-12

(IL(W)12)

148728 INTERLEUKIN

828879 12

8052 INTERLEUKIN-12

(INTERLEUKIN(W)12)

L1 11686 IL-12 OR INTERLEUKIN-12

FILE 'SCISEARCH'

128478 IL

759234 12

11113 IL-12

(IL(W)12)

142468 INTERLEUKIN

759234 12

6153 INTERLEUKIN-12

(INTERLEUKIN(W)12)

L2 13141 IL-12 OR INTERLEUKIN-12

FILE 'LIFESCI'

54037 "IL"

136118 "12"

5930 IL-12

("IL"(W)"12")

52693 "INTERLEUKIN"

136118 "12"

4633 INTERLEUKIN-12

("INTERLEUKIN"(W)"12")

L3 6552 IL-12 OR INTERLEUKIN-12

FILE 'BIOTECHDS'

5357 IL

52465 12

861 IL-12

(IL(W)12)

8079 INTERLEUKIN

52465 12

748 INTERLEUKIN-12

(INTERLEUKIN(W)12)

L4 1163 IL-12 OR INTERLEUKIN-12

FILE 'BIOSIS'

145429 IL

796106 12

11871 IL-12

(IL(W)12)

199222 INTERLEUKIN  
796106 12  
12175 INTERLEUKIN-12  
(INTERLEUKIN(W) 12)  
L5 14302 IL-12 OR INTERLEUKIN-12

FILE 'EMBASE'  
132495 "IL"  
629689 "12"  
9201 IL-12  
( "IL" (W) "12" )  
174451 "INTERLEUKIN"  
629689 "12"  
13647 INTERLEUKIN-12  
( "INTERLEUKIN" (W) "12" )  
L6 14779 IL-12 OR INTERLEUKIN-12

FILE 'HCAPLUS'  
117632 IL  
1410446 12  
10145 IL-12  
(IL(W) 12)  
148944 INTERLEUKIN  
1410446 12  
12631 INTERLEUKIN-12  
(INTERLEUKIN(W) 12)  
L7 14478 IL-12 OR INTERLEUKIN-12

FILE 'NTIS'  
1660 IL  
88620 12  
56 IL-12  
(IL(W) 12)  
527 INTERLEUKIN  
88620 12  
15 INTERLEUKIN-12  
(INTERLEUKIN(W) 12)  
L8 66 IL-12 OR INTERLEUKIN-12

FILE 'ESBIOBASE'  
65303 IL  
259830 12  
7422 IL-12  
(IL(W) 12)  
58377 INTERLEUKIN  
259830 12  
2755 INTERLEUKIN-12  
(INTERLEUKIN(W) 12)  
L9 8133 IL-12 OR INTERLEUKIN-12

FILE 'BIOTECHNO'  
51803 IL  
132194 12  
4353 IL-12  
(IL(W) 12)  
70465 INTERLEUKIN  
132194 12  
5396 INTERLEUKIN-12  
(INTERLEUKIN(W) 12)  
L10 5949 IL-12 OR INTERLEUKIN-12

FILE 'WPIDS'  
11141 IL  
1922671 12  
1102 IL-12

```

                (IL(W)12)
            8953 INTERLEUKIN
1922671 12
            579 INTERLEUKIN-12
                (INTERLEUKIN(W)12)
L11        1424 IL-12 OR INTERLEUKIN-12

TOTAL FOR ALL FILES
L12        91673 IL-12 OR INTERLEUKIN-12

=> s l12(10a)(serine or cysteine or cys or ser)
FILE 'MEDLINE'
            92543 SERINE
            66784 CYSTEINE
            13343 CYS
            21836 SER
L13        27 L1 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'SCISEARCH'
            53704 SERINE
            49154 CYSTEINE
            13755 CYS
            22441 SER
L14        31 L2 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'LIFESCI'
            21922 SERINE
            18597 CYSTEINE
            6385 CYS
            10847 SER
L15        24 L3 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'BIOTECHDS'
            5056 SERINE
            4414 CYSTEINE
            2875 CYS
            4932 SER
L16        3 L4 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'BIOSIS'
            70130 SERINE
            60728 CYSTEINE
            14428 CYS
            22674 SER
L17        25 L5 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'EMBASE'
            59543 SERINE
            51519 CYSTEINE
            12011 CYS
            19619 SER
L18        25 L6 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'HCAPLUS'
            108794 SERINE
            102896 CYSTEINE
            20335 CYS
            35505 SER
L19        41 L7 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'NTIS'
            537 SERINE
            492 CYSTEINE
            70 CYS
            410 SER

```

L20 0 L8 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'ESBIOBASE'

28404 SERINE  
24959 CYSTEINE  
8771 CYS  
13028 SER

L21 23 L9 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'BIOTECHNO'

28989 SERINE  
22339 CYSTEINE  
7657 CYS  
11924 SER

L22 15 L10 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

FILE 'WPIDS'

8723 SERINE  
8848 CYSTEINE  
5331 CYS  
10223 SER

L23 4 L11 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

TOTAL FOR ALL FILES

L24 218 L12 (10A) (SERINE OR CYSTEINE OR CYS OR SER)

=> dup rem l24

PROCESSING COMPLETED FOR L24

L25 57 DUP REM L24 (161 DUPLICATES REMOVED)

=> d 1-10

L25 ANSWER 1 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN

TI Anti-tumor peptide vaccines targeting Corin

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

IN Fazio, Vito Michele; Garaci, Enrico; Rasi, Guido; Rinaldi, Monica;  
Sinibaldi, Paola

AN 2006:656810 HCAPLUS

DN 145:102123

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006070432	A2	20060706	WO 2005-IT780	20051229
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

L25 ANSWER 2 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN

TI CD4 T Cells from Malaria-Nonexposed Individuals Respond to the CD36-Binding Domain of Plasmodium falciparum Erythrocyte Membrane Protein-1 via an MHC Class II-TCR-Independent Pathway

SO Journal of Immunology (2006), 176(9), 5504-5512

CODEN: JOIMA3; ISSN: 0022-1767

AU Ndungu, Francis M.; Sanni, Latifu; Urban, Britta; Stephens, Robin; Newbold, Christopher I.; Marsh, Kevin; Langhorne, Jean

AN 2006:352428 HCAPLUS

DN 144:430835

- L25 ANSWER 3 OF 57 MEDLINE on STN DUPLICATE 1  
TI Vaccination with a preparation based on recombinant cysteine  
peptidases and canine IL-12 does not protect dogs from  
infection with Leishmania infantum.  
SO Vaccine, (2006 Mar 24) Vol. 24, No. 14, pp. 2460-8. Electronic  
Publication: 2006-01-04.  
Journal code: 8406899. ISSN: 0264-410X.  
AU Poot J; Spreewuvenberg K; Sanderson S J; Schijns V E C J; Mottram J C;  
Coombs G H; Vermeulen A N  
AN 2006119221 MEDLINE
- L25 ANSWER 4 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Aziridine-2,3-dicarboxylates, peptidomimetic cysteine protease inhibitors  
with antileishmanial activity  
SO Antimicrobial Agents and Chemotherapy (2006), 50(7), 2439-2447  
CODEN: AMACCQ; ISSN: 0066-4804  
AU Ponte-Sucre, Alicia; Vicik, Radim; Schultheis, Martina; Schirmeister,  
Tanja; Moll, Heidrun  
AN 2006:681837 HCAPLUS
- L25 ANSWER 5 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Serine protease inhibitors nafamostat mesilate and gabexate mesilate  
attenuate allergen-induced airway inflammation and eosinophilia in a  
murine model of asthma  
SO Journal of Allergy and Clinical Immunology (2006), 118(1), 105-112  
CODEN: JACIBY; ISSN: 0091-6749  
AU Chen, Chih-Lung; Wang, Shulhn-Der; Zeng, Zhao-Ying; Lin, Kuo-Juei; Kao,  
Shung-Te; Tani, Thoru; Yu, Chun-Keung; Wang, Jiu-Yao  
AN 2006:665647 HCAPLUS
- L25 ANSWER 6 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Cyclosporin A induces IL-12 production in human monocyte derived dendritic  
cells via p38MAPK phosphorylation  
SO Niigata Igakkai Zasshi (2006), 120(1), 30-34  
CODEN: NIGZAY; ISSN: 0029-0440  
AU Abe, Takashi  
AN 2006:502055 HCAPLUS  
DN 144:480622
- L25 ANSWER 7 OF 57 Elsevier BIOBASE COPYRIGHT 2006 Elsevier Science B.V. on  
STN  
AN 2006225808 ESBIIOBASE  
TI Induction of interleukin-6 release from monocytes by serine proteinases  
and its potential mechanisms  
AU Li T.; Wang H.; He S.  
CS Prof. S. He, Allergy and Inflammation Research Institute, Key  
Immunopharmacology Laboratory of Guangdong Province, Shantou University  
Medical College, 22 Xin-ling Road, Shantou 515031, Guangdong Province,  
China.  
E-mail: shoahenghe@hotmail.com  
SO Scandinavian Journal of Immunology, (2006), 64/1 (10-16), 28 reference(s)  
CODEN: SJIMAX ISSN: 0300-9475 E-ISSN: 1365-3083  
DT Journal; Article  
CY United Kingdom  
LA English  
SL English
- L25 ANSWER 8 OF 57 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN  
TI New peptides from the NS3 protein of hepatitis C virus (HCV), useful for  
prevention, treatment and diagnosis of HCV infection, particularly for  
use as vaccines;  
vector-mediate host cell gene transfer and expression in host cell for  
use in recombinant vaccine and gene therapy

AU FOURNILLIER A; INCHAUSPE G; MARTIN P  
AN 2005-18121 BIOTECHDS  
PI FR 2862648 27 May 2005

L25 ANSWER 9 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Cysteine variants of growth hormone and related proteins and their  
therapeutic uses

SO U.S. Pat. Appl. Publ., 66 pp., Cont.-in-part of U.S. 6,753,165.

CODEN: USXXCO

IN Cox, George N.

AN 2005:238410 HCAPLUS

DN 142:291899

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005058621	A1	20050317	US 2003-685288	20031013
	WO 9903887	A1	19990128	WO 1998-US14497	19980713
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2000042175	A1	20000720	WO 2000-US931	20000114
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6608183	B1	20030819	US 2000-462941	20000114
	WO 2001087925	A2	20011122	WO 2001-US16088	20010516
	WO 2001087925	A3	20020801		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6753165	B1	20040622	US 2001-889273	20010906
	US 2003171284	A1	20030911	US 2002-298148	20021115
	US 2003162949	A1	20030828	US 2003-400377	20030326
	US 2004018586	A1	20040129	US 2003-276358	20030410

L25 ANSWER 10 OF 57 HCAPLUS COPYRIGHT 2006 ACS on STN  
TI Aggregates of interleukin-2 and sodium dodecyl sulfate  
SO Ger. Gebrauchsmusterschrift, 40 pp.

CODEN: GXXXFR

AN 2005:959704 HCAPLUS

DN 143:292432

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 202005001888	U1	20050901	DE 2005-202005001888	20050207

=> s l12) and ((serine or cysteine or cys or ser)(8a)(rich or level) or (amino  
acid)(2a)composition)

UNMATCHED RIGHT PARENTHESIS 'L12) AND'

The number of right parentheses in a query must be equal to the

number of left parentheses.

=> s l12 and ((serine or cysteine or cys or ser) (8a) (rich or level) or (amino acid) (2a) composition)

FILE 'MEDLINE'

92543 SERINE  
66784 CYSTEINE  
13343 CYS  
21836 SER  
85542 RICH  
731434 LEVEL  
6927 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
627619 AMINO  
1423028 ACID  
471399 AMINO ACID  
(AMINO (W) ACID)  
160308 COMPOSITION  
9822 (AMINO ACID) (2A) COMPOSITION  
L26 10 L1 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
OR (AMINO ACID) (2A) COMPOSITION)

FILE 'SCISEARCH'

53704 SERINE  
49154 CYSTEINE  
13755 CYS  
22441 SER  
157813 RICH  
824194 LEVEL  
6961 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
396327 AMINO  
1149190 ACID  
209666 AMINO ACID  
(AMINO (W) ACID)  
378659 COMPOSITION  
6549 (AMINO ACID) (2A) COMPOSITION  
L27 13 L2 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
OR (AMINO ACID) (2A) COMPOSITION)

FILE 'LIFESCI'

21922 SERINE  
18597 CYSTEINE  
6385 CYS  
10847 SER  
35978 RICH  
191777 LEVEL  
3568 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
170294 "AMINO"  
304712 "ACID"  
117285 AMINO ACID  
("AMINO" (W) "ACID")  
95723 COMPOSITION  
4510 (AMINO ACID) (2A) COMPOSITION  
L28 7 L3 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
OR (AMINO ACID) (2A) COMPOSITION)

FILE 'BIOTECHDS'

5056 SERINE  
4414 CYSTEINE  
2875 CYS  
4932 SER  
4697 RICH  
30910 LEVEL  
458 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
68862 AMINO  
141162 ACID

49599 AMINO ACID  
    (AMINO(W) ACID)  
37352 COMPOSITION  
    821 (AMINO ACID) (2A) COMPOSITION  
L29      10 L4 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
            OR (AMINO ACID) (2A) COMPOSITION)

FILE 'BIOSIS'

70130 SERINE  
60728 CYSTEINE  
14428 CYS  
22674 SER  
108891 RICH  
806679 LEVEL  
    7606 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
529886 AMINO  
1264190 ACID  
308849 AMINO ACID  
    (AMINO(W) ACID)  
299652 COMPOSITION  
    16514 (AMINO ACID) (2A) COMPOSITION  
L30      11 L5 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
            OR (AMINO ACID) (2A) COMPOSITION)

FILE 'EMBASE'

59543 SERINE  
51519 CYSTEINE  
12011 CYS  
19619 SER  
77161 RICH  
1168014 LEVEL  
    6139 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
435910 "AMINO"  
1416657 "ACID"  
294778 AMINO ACID  
    ("AMINO" (W) "ACID")  
145643 COMPOSITION  
    10564 (AMINO ACID) (2A) COMPOSITION  
L31      14 L6 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
            OR (AMINO ACID) (2A) COMPOSITION)

FILE 'HCAPLUS'

108794 SERINE  
102896 CYSTEINE  
20335 CYS  
35505 SER  
283650 RICH  
1338403 LEVEL  
    9206 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
1084700 AMINO  
4203947 ACID  
539598 AMINO ACID  
    (AMINO(W) ACID)  
661965 COMPOSITION  
1416525 COMPN  
1817161 COMPOSITION  
    (COMPOSITION OR COMPN)  
    29152 (AMINO ACID) (2A) COMPOSITION  
L32      27 L7 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
            OR (AMINO ACID) (2A) COMPOSITION)

FILE 'NTIS'

537 SERINE  
492 CYSTEINE  
70 CYS



410 SER  
 9384 RICH  
 147199 LEVEL  
 44 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 7002 AMINO  
 44050 ACID  
 2476 AMINO ACID  
 (AMINO(W)ACID)  
 63264 COMPOSITION  
 167 (AMINO ACID) (2A)COMPOSITION  
 L33 0 L8 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 OR (AMINO ACID) (2A)COMPOSITION)

FILE 'ESBIOBASE'

28404 SERINE  
 24959 CYSTEINE  
 8771 CYS  
 13028 SER  
 47937 RICH  
 273070 LEVEL  
 4618 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 184733 AMINO  
 353034 ACID  
 102749 AMINO ACID  
 (AMINO(W)ACID)  
 83722 COMPOSITION  
 2141 (AMINO ACID) (2A)COMPOSITION  
 L34 9 L9 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 OR (AMINO ACID) (2A)COMPOSITION)

FILE 'BIOTECHNO'

28989 SERINE  
 22339 CYSTEINE  
 7657 CYS  
 11924 SER  
 29372 RICH  
 204610 LEVEL  
 4230 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 204625 AMINO  
 349810 ACID  
 154660 AMINO ACID  
 (AMINO(W)ACID)  
 36875 COMPOSITION  
 5058 (AMINO ACID) (2A)COMPOSITION  
 L35 6 L10 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 OR (AMINO ACID) (2A)COMPOSITION)

FILE 'WPIDS'

8723 SERINE  
 8848 CYSTEINE  
 5331 CYS  
 10223 SER  
 34981 RICH  
 561198 LEVEL  
 404 (SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)  
 252115 AMINO  
 962731 ACID  
 71870 AMINO ACID  
 (AMINO(W)ACID)  
 711463 COMPOSITION  
 8956 COMPN  
 388445 COMPSN  
 858167 COMPOSITION  
 (COMPOSITION OR COMPN OR COMPSN)  
 1051 (AMINO ACID) (2A)COMPOSITION

```

L36          12 L11 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)
              OR (AMINO ACID) (2A) COMPOSITION)

TOTAL FOR ALL FILES
L37          119 L12 AND ((SERINE OR CYSTEINE OR CYS OR SER) (8A) (RICH OR LEVEL)
              OR (AMINO ACID) (2A) COMPOSITION)

=> s l37 not 2006/py
FILE 'MEDLINE'
      433487 2006/PY
              (200600000-200699999/PY)
L38          8 L26 NOT 2006/PY

FILE 'SCISEARCH'
      674740 2006/PY
              (200600000-200699999/PY)
L39          11 L27 NOT 2006/PY

FILE 'LIFESCI'
      26302 2006/PY
L40          7 L28 NOT 2006/PY

FILE 'BIOTECHDS'
      15234 2006/PY
L41          10 L29 NOT 2006/PY

FILE 'BIOSIS'
      189563 2006/PY
L42          11 L30 NOT 2006/PY

FILE 'EMBASE'
      345532 2006/PY
L43          12 L31 NOT 2006/PY

FILE 'HCAPLUS'
      863414 2006/PY
L44          23 L32 NOT 2006/PY

FILE 'NTIS'
      3328 2006/PY
L45          0 L33 NOT 2006/PY

FILE 'ESBIOBASE'
      211663 2006/PY
L46          7 L34 NOT 2006/PY

FILE 'BIOTECHNO'
      0 2006/PY
L47          6 L35 NOT 2006/PY

FILE 'WPIDS'
      846644 2006/PY
L48          7 L36 NOT 2006/PY

TOTAL FOR ALL FILES
L49          102 L37 NOT 2006/PY

=> dup rem l49
PROCESSING COMPLETED FOR L49
L50          41 DUP REM L49 (61 DUPLICATES REMOVED)

=> s cysk or cysteine synthase# or cys k
FILE 'MEDLINE'
      79 CYSK
      66784 CYSTEINE

```

95885 SYNTHASE#  
 240 CYSTEINE SYNTHASE#  
 (CYSTEINE (W) SYNTHASE#)  
 13343 CYS  
 269458 K  
 5 CYS K  
 (CYS (W) K)  
 L51 283 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'SCISEARCH'

55 CYSK  
 49154 CYSTEINE  
 112660 SYNTHASE#  
 213 CYSTEINE SYNTHASE#  
 (CYSTEINE (W) SYNTHASE#)  
 13755 CYS  
 661851 K  
 5 CYS K  
 (CYS (W) K)  
 L52 253 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'LIFESCI'

49 CYSK  
 18597 "CYSTEINE"  
 24832 SYNTHASE#  
 93 CYSTEINE SYNTHASE#  
 ("CYSTEINE" (W) SYNTHASE#)  
 6385 "CYS"  
 89853 "K"  
 5 CYS K  
 ("CYS" (W) "K")  
 L53 131 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'BIOTECHDS'

54 CYSK  
 4414 CYSTEINE  
 6362 SYNTHASE#  
 65 CYSTEINE SYNTHASE#  
 (CYSTEINE (W) SYNTHASE#)  
 2875 CYS  
 9932 K  
 5 CYS K  
 (CYS (W) K)  
 L54 92 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'BIOSIS'

77 CYSK  
 60728 CYSTEINE  
 103285 SYNTHASE#  
 226 CYSTEINE SYNTHASE#  
 (CYSTEINE (W) SYNTHASE#)  
 14428 CYS  
 273300 K  
 12 CYS K  
 (CYS (W) K)  
 L55 289 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'EMBASE'

61 CYSK  
 51519 "CYSTEINE"  
 94938 SYNTHASE#  
 204 CYSTEINE SYNTHASE#  
 ("CYSTEINE" (W) SYNTHASE#)  
 12011 "CYS"  
 268010 "K"

6 CYS K  
("CYS" (W) "K")  
L56 241 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'HCAPLUS'

181 CYSK  
102896 CYSTEINE  
99267 SYNTHASE#  
380 CYSTEINE SYNTHASE#  
(CYSTEINE (W) SYNTHASE#)  
20335 CYS  
1374646 K  
5 CYS K  
(CYS (W) K)  
L57 480 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'NTIS'

0 CYSK  
492 CYSTEINE  
240 SYNTHASE#  
0 CYSTEINE SYNTHASE#  
(CYSTEINE (W) SYNTHASE#)  
70 CYS  
52567 K  
0 CYS K  
(CYS (W) K)  
L58 0 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'ESBIOBASE'

44 CYSK  
24959 CYSTEINE  
46832 SYNTHASE#  
107 CYSTEINE SYNTHASE#  
(CYSTEINE (W) SYNTHASE#)  
8771 CYS  
129049 K  
4 CYS K  
(CYS (W) K)  
L59 139 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'BIOTECHNO'

43 CYSK  
22339 CYSTEINE  
29457 SYNTHASE#  
130 CYSTEINE SYNTHASE#  
(CYSTEINE (W) SYNTHASE#)  
7657 CYS  
84757 K  
4 CYS K  
(CYS (W) K)  
L60 155 CYSK OR CYSTEINE SYNTHASE# OR CYS K

FILE 'WPIDS'

46 CYSK  
8848 CYSTEINE  
5278 SYNTHASE#  
46 CYSTEINE SYNTHASE#  
(CYSTEINE (W) SYNTHASE#)  
5331 CYS  
130861 K  
7 CYS K  
(CYS (W) K)  
L61 70 CYSK OR CYSTEINE SYNTHASE# OR CYS K

TOTAL FOR ALL FILES

L62 2133 CYSK OR CYSTEINE SYNTHASE# OR CYS K

=> s l62 and coli

FILE 'MEDLINE'

254513 COLI

L63 99 L51 AND COLI

FILE 'SCISEARCH'

235425 COLI

L64 121 L52 AND COLI

FILE 'LIFESCI'

100827 COLI

L65 46 L53 AND COLI

FILE 'BIOTECHDS'

47081 COLI

L66 50 L54 AND COLI

FILE 'BIOSIS'

282219 COLI

L67 75 L55 AND COLI

FILE 'EMBASE'

181878 COLI

L68 71 L56 AND COLI

FILE 'HCAPLUS'

273783 COLI

L69 166 L57 AND COLI

FILE 'NTIS'

2854 COLI

L70 0 L58 AND COLI

FILE 'ESBIOBASE'

72550 COLI

L71 45 L59 AND COLI

FILE 'BIOTECHNO'

94549 COLI

L72 60 L60 AND COLI

FILE 'WPIDS'

19547 COLI

L73 20 L61 AND COLI

TOTAL FOR ALL FILES

L74 753 L62 AND COLI

=> s l62(10a)(gene/q or polynucleotide# or nucleic or dna)

FILE 'MEDLINE'

9717 POLYNUCLEOTIDE#

184474 NUCLEIC

868653 DNA

L75 59 L51(10A)(GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'SCISEARCH'

4382 POLYNUCLEOTIDE#

37599 NUCLEIC

616282 DNA

L76 49 L52(10A)(GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'LIFESCI'

2090 POLYNUCLEOTIDE#

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14016 NUCLEIC
281427 DNA
L77      50 L53(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'BIOTECHDS'
21468 POLYNUCLEOTIDE#
51237 NUCLEIC
148076 DNA
L78      55 L54(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'BIOSIS'
7798 POLYNUCLEOTIDE#
54524 NUCLEIC
1146398 DNA
L79      76 L55(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'EMBASE'
3923 POLYNUCLEOTIDE#
38041 NUCLEIC
657196 DNA
L80      43 L56(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'HCAPLUS'
21607 POLYNUCLEOTIDE#
186949 NUCLEIC
789259 DNA
L81      244 L57(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'NTIS'
134 POLYNUCLEOTIDE#
1840 NUCLEIC
9416 DNA
L82      0 L58(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'ESBIOBASE'
927 POLYNUCLEOTIDE#
28280 NUCLEIC
293415 DNA
L83      45 L59(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'BIOTECHNO'
1566 POLYNUCLEOTIDE#
19939 NUCLEIC
388151 DNA
L84      43 L60(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

FILE 'WPIDS'
26673 POLYNUCLEOTIDE#
63337 NUCLEIC
72067 DNA
L85      45 L61(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

TOTAL FOR ALL FILES
L86      709 L62(10A) (GENE/Q OR POLYNUCLEOTIDE# OR NUCLEIC OR DNA)

=> s l74 and l86
FILE 'MEDLINE'
L87      32 L63 AND L75

FILE 'SCISEARCH'
L88      37 L64 AND L76

FILE 'LIFESCI'
L89      24 L65 AND L77

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FILE 'BIOTECHDS'  
L90 32 L66 AND L78

FILE 'BIOSIS'  
L91 35 L67 AND L79

FILE 'EMBASE'  
L92 21 L68 AND L80

FILE 'HCAPLUS'  
L93 129 L69 AND L81

FILE 'NTIS'  
L94 0 L70 AND L82

FILE 'ESBIOBASE'  
L95 20 L71 AND L83

FILE 'BIOTECHNO'  
L96 21 L72 AND L84

FILE 'WPIDS'  
L97 8 L73 AND L85

TOTAL FOR ALL FILES  
L98 359 L74 AND L86

=> s l98 not 2004-2006/py  
FILE 'MEDLINE'  
1669853 2004-2006/PY  
(20040000-20069999/PY)  
L99 26 L87 NOT 2004-2006/PY

FILE 'SCISEARCH'  
3014115 2004-2006/PY  
(20040000-20069999/PY)  
L100 29 L88 NOT 2004-2006/PY

FILE 'LIFESCI'  
253279 2004-2006/PY  
L101 22 L89 NOT 2004-2006/PY

FILE 'BIOTECHDS'  
70512 2004-2006/PY  
L102 26 L90 NOT 2004-2006/PY

FILE 'BIOSIS'  
1279777 2004-2006/PY  
L103 31 L91 NOT 2004-2006/PY

FILE 'EMBASE'  
1438357 2004-2006/PY  
L104 18 L92 NOT 2004-2006/PY

FILE 'HCAPLUS'  
3229967 2004-2006/PY  
L105 65 L93 NOT 2004-2006/PY

FILE 'NTIS'  
35677 2004-2006/PY  
L106 0 L94 NOT 2004-2006/PY

FILE 'ESBIOBASE'  
849275 2004-2006/PY  
L107 15 L95 NOT 2004-2006/PY

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FILE 'BIOTECHNO'
      586 2004-2006/PY
L108      21 L96 NOT 2004-2006/PY

FILE 'WPIDS'
      3019867 2004-2006/PY
L109      2 L97 NOT 2004-2006/PY

TOTAL FOR ALL FILES
L110      255 L98 NOT 2004-2006/PY

=> s l12(10a)coli
FILE 'MEDLINE'
      254513 COLI
L111      27 L1 (10A)COLI

FILE 'SCISEARCH'
      235425 COLI
L112      25 L2 (10A)COLI

FILE 'LIFESCI'
      100827 COLI
L113      24 L3 (10A)COLI

FILE 'BIOTECHDS'
      47081 COLI
L114      3 L4 (10A)COLI

FILE 'BIOSIS'
      282219 COLI
L115      22 L5 (10A)COLI

FILE 'EMBASE'
      181878 COLI
L116      27 L6 (10A)COLI

FILE 'HCAPLUS'
      273783 COLI
L117      46 L7 (10A)COLI

FILE 'NTIS'
      2854 COLI
L118      0 L8 (10A)COLI

FILE 'ESBIOBASE'
      72550 COLI
L119      32 L9 (10A)COLI

FILE 'BIOTECHNO'
      94549 COLI
L120      18 L10(10A)COLI

FILE 'WPIDS'
      19547 COLI
L121      3 L11(10A)COLI

TOTAL FOR ALL FILES
L122      227 L12(10A) COLI

=> s l122 not 2003-2006/py
FILE 'MEDLINE'
      2240534 2003-2006/PY
      (20030000-20069999/PY)
L123      17 L111 NOT 2003-2006/PY

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FILE 'SCISEARCH'  
4087454 2003-2006/PY  
(20030000-20069999/PY)  
L124 15 L112 NOT 2003-2006/PY

FILE 'LIFESCI'  
370359 2003-2006/PY  
L125 14 L113 NOT 2003-2006/PY

FILE 'BIOTECHDS'  
96156 2003-2006/PY  
L126 2 L114 NOT 2003-2006/PY

FILE 'BIOSIS'  
1860455 2003-2006/PY  
L127 13 L115 NOT 2003-2006/PY

FILE 'EMBASE'  
1948416 2003-2006/PY  
L128 17 L116 NOT 2003-2006/PY

FILE 'HCAPLUS'  
4292355 2003-2006/PY  
L129 26 L117 NOT 2003-2006/PY

FILE 'NTIS'  
52262 2003-2006/PY  
L130 0 L118 NOT 2003-2006/PY

FILE 'ESBIOBASE'  
1147618 2003-2006/PY  
L131 20 L119 NOT 2003-2006/PY

FILE 'BIOTECHNO'  
122467 2003-2006/PY  
L132 17 L120 NOT 2003-2006/PY

FILE 'WPIDS'  
3837655 2003-2006/PY  
L133 0 L121 NOT 2003-2006/PY

TOTAL FOR ALL FILES  
L134 141 L122 NOT 2003-2006/PY

=> log y

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

62.48

TOTAL

SESSION

62.69

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 15:44:51 ON 06 SEP 2006